

NISSAN MOTOR COMPANY, LTD.

EXECUTIVE ORDER A-015-0438 New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code (HSC), Div. 26, Part 5, Chap. 2; and pursuant to the authority vested in the undersigned by HSC Sections 39515 & 39516 and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED:

That the following exhaust and evaporative emission control systems produced by the manufacturer are certified as described below. Production vehicles shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	TEST GROUP	VEHICLE TYPE	EXHAI STAND	UST EMISSION ARD CATEGORY	USEFU (mil		INTERM IN-1 COMPI (*=N/A or A/E=exl intermedi	FUEL TYPE		
			"LEV I	l" Low Emission	EXH / ORVR	EVAP	EXH	EVAP	Gasoline	
2006	6NSXV03.5G7A	Passenger Car	Vehic	ie (LEV II LEV)	120K	150K	*	E		
No.	ECS & S	PECIAL FEATURES		EVAPORATIVE				DISPLACE	MENT (L)	
1	2TWC, TWC, 2HAF		6NSXR0	120PBA		-[2]				
*	*				*	- 3	3	3.5		
*				<u> </u>	-8					
•		*			<u>* </u>		X			

See the Attachment for Vehicle Models, Evaporative Family, Engine Displacement, Emission Control Systems, Phase-In Standards, OBD Compliance, Emission Standards and Certification Levels, and Abbreviations.

That the exhaust and the evaporative emission standards and the certification emission levels for the listed vehicles are as listed on the Attachment. Compliance with the 50⁰ Fahrenheit testing requirement may have been met based on the manufacturer's submitted compliance plan in lieu of testing. Any debit in the manufacturer's "NMOG Fleet Average" (PC or LDT) or "Vehicle Equivalent Credit" (MDV) compliance plan shall be equalized as required.

BE IT FURTHER RESOLVED:

That for the listed vehicle models, the manufacturer has attested to compliance with Title 13, California Code of Regulations, (13 CCR) Sections 1965 [emission control labels], 1968.2 [on-board diagnostic, full or partial compliance], 2035 et seq. [emission control warranty], 2235 [fuel tank fill pipes and openings] (gasoline and alcohol fueled vehicles only), and "High-Altitude Requirements" and "Inspection and Maintenance Emission Standards" (California Exhaust Emission Standards and Test Procedures for 2001 and Subsequent Model PC, LDT and MDV).

Vehicles certified under this Executive Order shall conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this Executive Order.

Executed at El Monte, California on this

Mobile Source Operations Division

day of June 2005.



ATTACHMENT

EXHAUST AND EVAPORATIVE EMISSION STANDARDS AND CERTIFICATION LEVELS

(For bi-, dual- or flexible-fueled vehicles, the STD and CERT in parentheses are those applicable to testing on gasoline test fuel.)

	NMOG FLEET NMOG @ RAF=* AVERAGE [g/mi] CH4 RAF = *		NMOG or	CH4=methane: NMOG=non-CH4 organic gas; NMMC=non-CH4 nydrocarbon; CO=carbon indicades in indicades of HCHO-dormaldehyde; PM=particulate matter; RAF=reactivity adjustment factor; 2/3 D [g/test]=2/3 day diurnal+ not-soak; RL [g/mi]=running loss; ORVR [g/gallon dispensed]=on-board refueling vapor recovery: g=gram; mg=milligram										
CERT	STD	NMOG CERT	NMHC CERT	STD	ml=mile; K=	1000 miles;	F=degrees F	ahrenheit; S	FTP=supplen	nental tedera	el test procedu PM [s	g/mi]	Hwy NO	x [g/mi]
0.044	0.046	[g/ml]	[g/mi]	[g/mi]	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD
	@ 50K	0.048	+	0.075	0.6	3.4	0.01	0.05	*	15.	*	*	0.02	0.07
10,011	@ UL	0.051	*	0.090	0.6	4.2	0.01	0.07	*	18.	*	*	0.02	0.09
100000000000000000000000000000000000000	50°F & 4K	0.116	*	0.150	1.1	3.4	0.01	0.05	*	30.	*	*	•	*

	[-lmi]			Ox [g/mi] oosite)	CO [+NOx [US06]	l oo		NMHC [g/mi]		co [
@ 20	[g/mi] °F & 50K		CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD
CERT	5.4	SFTP @ 4000 miles	*	*	*	*	0.06	0.14	0,9	8.0	0.01	0.20	0.4	2.7
STD	10.0	SFTP @ * miles		*	*	*	*	*	*	*	*	*	*	

Evaporative Family	3-Days Diurna (grams/te			al + Hot Soak est) @ UL	Runnin (grams/m		On-Board Refueling Vapor Recovery (grams/gallon) @ UL		
Evaporative i ummy	CERT	STD	CERT	STD	CERT	STD	CERT	STD	
6NSXR0120PBA	0.37	0,50	0.43	0.65	0.000	0.05	0.03	0.20	
*	+	•	*	*	*	*	*	*	
•	+	*	*	*	*	*	*	*	
*	*	*	*	*	*	*	*	•	

* = not applicable; UL=useful life; PC=passenger car; LDT=light-duty truck; MDV=medium-duty vehicle; ECS= Emission Control System; STD= Standard; CERT= Certification; LVW=loaded vehicle weight; ALVW=adjusted LVW; LEV=low emission vehicle; TLEV=transitional LEV; ULEV=ultra LEV; SULEV=super ULEV; TWC=3-way catalyst; LVW=loaded vehicle weight; ALVW=adjusted LVW; LEV=low emission vehicle; TLEV=transitional LEV; ULEV=ultra LEV; SULEV=super ULEV; TWC=3-way catalyst; ADSTWC=adsorbing TWC; WU=warm-up catalyst; OC=oxidizing catalyst; OZS=oxygen sensor; HO2S=heated O2S; AFS/HAFS=air- fuel ratio sensor heated AFS, EGR=exhaust gas recirculation; AIR=secondary air injection; PAIR=pulsed AIR; MFI= multiport fuel injection; SFI=sequential MFI; TBI=throttle body injection; DGI=direct gasoline fuel injection; TC/SC= turbo/super charger; CAC=charge air cooler; OBD (F)/(P)=full/partial on-board diagnostic; DOR=direct ozone reducing; prefix 2=parallet; (2) suffix=series; CNG/LNG=compressed/liquefied natural gas; LPG=liquefied petroleum gas; E85="85%" Ethanol Fuel;

2006 MODEL YEAR: VEHICLE MODELS INFORMATION

MAKE	MODEL	EVAPORATIVE FAMILY	ECS NO.	ENGINE SIZE (L)	IN-I COMPI (*=N/A or A/E=exi	MEDIATE USE LIANCE full in-use; h. / evap. ate in-use)	PHASE-IN STD.	OBD II
			ĺ		EXH	EVAP		
NISSAN	ALTIMA 3.5SE	6NSXR0120PBA	1	3.5	*	E	SFTP	Partial
NISSAN	ALTIMA 3.5SL	6NSXR0120PBA	1	3.5	*	E	SFTP	Partial
NISSAN	ALTIMA SE-R	6NSXR0120PBA	1	3.5	*	E	SFTP	Partial